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19.05.1998 JP 13673998(71) Applicant:  
CANON KABUSHIKI KAISHA  
Tokyo (JP)

(72) Inventors:

• Tanaka, Koichiro  
Ohta-ku, Tokyo (JP)• Yonezawa, Hiroki  
Ohta-ku, Tokyo (JP)• Kazama, Youichi  
Ohta-ku, Tokyo (JP)

(74) Representative:

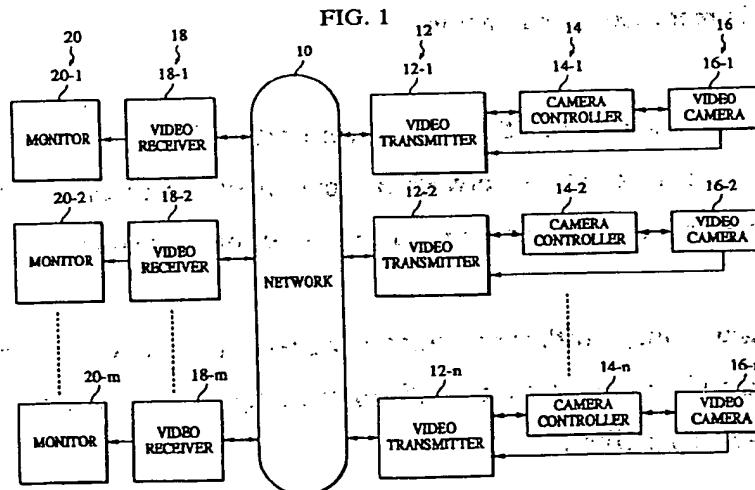
• Tiedtke, Harro, Dipl.-Ing.  
Patentanwaltsbüro  
Tiedtke-Bühling-Kinne & Partner  
Bavariaring 4  
80336 München (DE)

## (54) Camera control system controlling different types of cameras

(57) A camera control system permits a variety of types of cameras to be connected thereto, and makes it possible to control a plurality of cameras by using standardized camera control commands to enable a user to control them without worrying about the difference in type of cameras connected thereto. The camera control system is also capable of supplying the information on the cameras connected to a user. In a camera server, the information on a video camera connected to the

camera server is entered, the input of the information on the video camera that has been entered is determined, and the information on the video camera which has been determined is stored. If an external signal is received, then the external signal is converted to a control signal compatible with the video camera according to the stored information on the video camera.

FIG. 1



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## EUROPEAN SEARCH REPORT

Application Number

EP 98 11 4105

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Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.6)
A	EP 0 715 453 A (CANON KK) 5 June 1996 (1996-06-05)  * column 6, line 36 - column 7, line 29; figure 1 * * column 11, line 21 - column 12, line 24; figures 6,7 * * column 29, line 55 - column 30, line 38; figures 45,46 *	1,3,4,6, 12-15, 17,20, 24,26-31	H04N7/18
A	US 4 811 098 A (KURAKAKE MITSUO ET AL) 7 March 1989 (1989-03-07)  * abstract * * column 1, line 12 - line 15 * * column 1, line 50 - column 2, line 25; figure 1 *	1,2,10, 14-16, 21,24, 28,29	
A	DE 195 34 559 A (SIEMENS AG) 20 March 1997 (1997-03-20)		TECHNICAL FIELDS SEARCHED (Int.Cl.6)  H04N
The present search report has been drawn up for all claims			
Place of search <b>THE HAGUE</b>		Date of completion of the search <b>24 September 1999</b>	Examiner <b>Fuchs, P</b>
<p>CATEGORY OF CITED DOCUMENTS</p> <p>X : particularly relevant if taken alone  Y : particularly relevant if combined with another document of the same category  A : technological background  O : non-written disclosure  P : intermediate document</p> <p>T : theory or principle underlying the invention  E : earlier patent document, but published on, or after the filing date  D : document cited in the application  L : document cited for other reasons  &amp; : member of the same patent family, corresponding document</p>			

EPO FORM 1503 03 B2 (P04C01)

ANNEX TO THE EUROPEAN SEARCH REPORT  
ON EUROPEAN PATENT APPLICATION NO.

EP 98 11 4105

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on  
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24-09-1999

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For more details about this annex, see Official Journal of the European Patent Office, No. 12/82



# EUROPEAN PATENT OFFICE

## Patent Abstracts of Japan

PUBLICATION NUMBER : 63070683  
PUBLICATION DATE : 30-03-88

APPLICATION DATE : 12-09-86  
APPLICATION NUMBER : 61215107

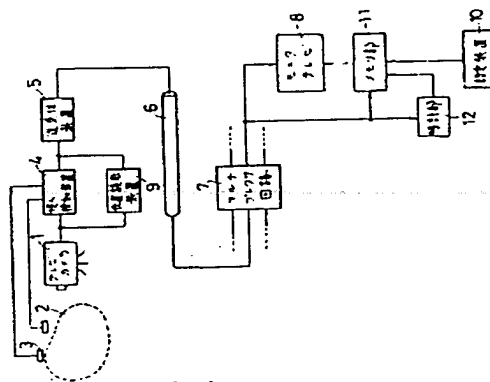
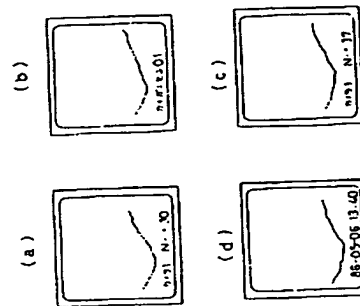
APPLICANT : MITSUBISHI ELECTRIC CORP;

INVENTOR : HOSOMI YUSAKU;

INT.CL. : H04N 7/18 G08B 13/00

TITLE : MONITORING EQUIPMENT

NO.	方位	距離	方位	距離	方位	距離
1	N	30'	N	37'	N	37'
2	W	10'	W	10'	W	10'
3	N	80'	N	80'	N	80'



ABSTRACT : PURPOSE: To perform a fine monitoring operation by displaying a photographed image, fixation information on a TV camera, intruder information, and camera information repeatedly on a monitor TV in order with time when an intruder is detected.

CONSTITUTION: Fixation information when the TV camera 1 is set by a setting device 10 and intruder information are set and stored in a memory part 11. When the intruder enters a warning area 2, an intruder detection sensor 3 and an intruder detecting device 4 detect that and input intruder detection signal to a multiplexer circuit 7. When the circuit 7 connects an information transmission line 6 to the monitor TV 8, the TV 8 displays the photographed information of the camera 1 while generating a warning. A position reader 9, on the other hand, supplies the current direction and azimuth of the camera 1 as read information to a memory part 11 and a timer part 12 through the circuit 7. Then the fixation information, intruder information, and camera information are read out of the memory part 11 in order with a clock supplied from the timer part 12 and displayed on the TV 8. Further, when a next clock and timer are both supplied, the year, month, day, and time are displayed. This display is made cyclically.

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